

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A dynamo electric machine comprising a stator core having a plurality of slots formed around the circumferential thereof each extending continuously in axial direction thereof and a stator winding formed by disposing a plurality of unit windings in the plurality of slots in such a manner that one of two side sections of a unit winding is disposed in a slot other than a slot where the other side section of the unit winding is disposed while crossing over a plurality of slots, wherein each of the plurality of unit windings is formed by being divided at least into a first winding section of which one of end sections is opened, opposing side sections are shaped so as to form a step in the radial direction of the stator core, the open ends of opened end sections oppose each other in the radial direction of the stator core and the opened end sections are bent in an crossing over direction of the winding, and a second winding section connecting the open ends of the first winding section. A dynamo electric machine, comprising:

a stator including a stator core and a stator winding disposed in the stator core.

the stator core is provided with a plurality of slots formed around a circumference thereof and each extending continuously in an axial direction thereof,

the stator winding is formed of a plurality of unit windings disposed in the plurality of slots,

each of the plurality of unit windings includes (a) a first winding section having (i) opposing two side sections, one of the two side sections being disposed in one of the plurality of slots while the other side section is disposed in another slot separated from the one slot in a circumferential direction by more than one of the other slots, and (ii) end sections respectively extending from axial ends of the respective opposing two side sections, ends of the end section at one axial side of the opposing two side sections being opened and ends of the end section at the other axial side of the opposing two side sections being connected, and (b) a second winding section which is formed separately from the first winding section and is coupled between the opened ends of the opened end section in the first winding section;

wherein the first winding section is shaped so that the opposing two side sections form a step in a radial direction of the stator core and the opened ends of the first winding section are bent respectively toward one another such that opposing ends thereof are arranged to oppose each other in the radial direction of the stator core; and

wherein the second winding section is coupled between the opposing ends so as to connect the opposing ends that oppose each other in the radial direction of the stator core.

2. (currently amended) A dynamo electric machine of claim 1, wherein the ~~unit windings having different crossing over directions are disposed and laminated in each of the plurality of slots in its depth direction. side sections of the respective unit windings are disposed and laminated in each of the plurality of slots in a depth direction of the slots.~~

3. (original) A dynamo electric machine of claim 1, wherein each of the plurality of unit windings is formed by laminating a plurality of flat plate shaped winding conductors.

4. (currently amended) A dynamo electric machine of claim 3, wherein each of the plurality of unit windings is disposed in one of the slots in such a manner that ~~the a~~ laminating direction of the winding conductors coincides with ~~the latitudinal a width~~ direction of the slot.

5. (currently amended) A dynamo electric machine of claim 1, ~~wherein each of the plurality of unit windings is constituted in such a manner that among at least two winding conductors constituting the first winding section one open~~

~~end of one winding conductor and other open end of the other winding conductor are connected by inserting a winding conductor piece constituting the second winding section so that winding conductors having a plurality of turns are formed.~~ claim 3, wherein the first winding section is constituted by laminating the plurality of the winding conductors including the end sections respectively extending from the respective opposing two side sections, ends of the end section at one axial side of the opposing two side sections being opened and ends of the end section at the other axial side of the opposing two side sections being connected, and

each of the plurality of the winding units is constituted such that one end of the opened end section in one of adjacent winding conductors and other end of the opened end section in the other adjacent winding conductors are coupled and connected by inserting a winding conductor piece constituting the second winding section so that the winding conductors form a plurality of turns.

6. (original) A dynamo electric machine of claim 1, wherein each of the plurality of unit windings is shaped in such a manner that the end section opposite from the opened end section has substantially the same shape as the opened end section.

7. (currently amended) ~~A dynamo electric machine comprising a stator core having a plurality of slots formed around the circumferential thereof each~~

extending continuously in axial direction thereof and a stator winding formed by disposing a plurality of unit windings in the plurality of slots in such a manner that one of two side sections of a unit winding is disposed in a slot other than a slot where the other side section of the unit winding is disposed while crossing over a plurality of slots, wherein each of the plurality of unit windings is formed by being divided at least into a first winding section having open ends of opened end portion and a second winding section connecting the open ends of the first winding section, at least one of respective end sections of the plurality of unit windings is formed by the first and second winding sections in such a manner that two portions which project from the end in the axial direction of the stator core to the outside in the axial direction of the stator core are bent in the crossing over direction of the winding, a step in the radial direction of the stator core is formed between the two portions and a twisted portion between the two portions is extended in the radial direction of the stator core. A dynamo electric machine, comprising:

a stator including a stator core and a stator winding disposed in the stator core,

the stator core is provided with a plurality of slots formed around a circumference thereof and each extending continuously in an axial direction thereof,

the stator winding is formed of a plurality of unit windings disposed in the plurality of slots,

each of the plurality of unit windings includes (a) a first winding section having (i) opposing two side sections, one of the two side sections being disposed in one of the plurality of slots while the other side section is disposed in another slot separated from the one slot in a circumferential direction by more than one of the other slots, and (ii) end sections respectively extending from axial ends of the respective opposing two side sections, ends of the end section at one axial side of the opposing two side sections being opened and ends of the end section at the other axial side of the opposing two side sections being connected, and (b) a second winding section which is formed separately from the first winding section and is coupled between the opened ends of the opened end section in the first winding section; and

respective one end sections in the unit winding constituted by the first and second winding sections, which extend from one of the axial ends of the stator core in the axial direction are bent respectively toward one another and in a circumferential direction and form a step therebetween in a radial direction of the stator core, and a twisted portion formed between the bent one end sections extends in the radial direction of the stator core.

8. (currently amended) A dynamo electric machine of claim 7, wherein the ~~unit windings having different crossing over directions are disposed and laminated in each of the plurality of slots in its depth direction. side sections of~~

the respective unit windings are disposed and laminated in each of the plurality of slots in a depth direction of the slots.

9. (original) A dynamo electric machine of claim 7, wherein each of the plurality of unit windings is formed by laminating a plurality of flat plate shaped winding conductors.

10. (currently amended) A dynamo electric machine of claim 7, wherein each of the plurality of unit windings is constituted in such a manner that among at least two winding conductors constituting the first winding section one open end of one winding conductor and other open end of the other winding conductor are connected by inserting a winding conductor piece constituting the second winding section so that winding conductors having a plurality of turns are formed. 9, wherein the first winding section is constituted by laminating the plurality of the winding conductors including the end sections respectively extending from the respective opposing two side sections, ends of the end section at one axial side of the opposing two side sections being opened and ends of the end section at the other axial side of the opposing two side sections being connected, and

each of the plurality of the winding units is constituted such that one end of the opened end section in one of adjacent winding conductors and other end of the opened end section in the other adjacent winding conductors are coupled and

connected by inserting a winding conductor piece constituting the second winding section so that the winding conductors form a plurality of turns.

11. (original) A dynamo electric machine of claim 7, wherein each of the plurality of unit windings is shaped in such a manner that the end section opposite from the opened end section has substantially the same shape as the opened end section.

12-17 (cancelled).

18. (new) A dynamo electric machine of claim 9, wherein each of the plurality of unit windings is disposed in one of the slots in such a manner that a laminating direction of the winding conductors coincides with a width direction of the slot.